08CN5915PA
(GP2-0234)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.	:	09/683,955
Applicant	:	ADEDEJI
Filed	:	March 6, 2002
TC/A.U.	:	1712
Examiner	:	P. Short
Assignee Docket No.	:	08CN5915PA
Attorney Docket No.	:	GP2-0234
Customer No.	:	23413

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DECLARATION UNDER 37 CFR § 1.131

Adeyinka Adedeji declares and states that:

1. I am the inventor of the invention claimed in the above-identified patent application.

2. I conceived in the United States the invention disclosed and claimed in the above-identified patent application prior to October 11, 2001 and then diligently reduced the invention to practice in the United States prior to October 11, 2001.

3. As evidence in support of this prior conception and reduction to practice, submitted herewith is the following evidence of activity done in the United States. The

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Exhibit is a copy of a request for compounding and testing of fourteen compositions. Compositions 2-7 and 9-14 of Request 506 YA040700 is embraced by the claims of the above-identified patent application. Its components are "SBS vector 8508D," which is an impact modifier; ".46IV PPO" which is a poly(2,6-dimethyl-1,4-phenylene ether) having an intrinsic viscosity of 0.46 deciliters per gram in chloroform at 25°C and manufactured and sold by General Electric Company; "Nylon 6, Allied Capron 1250" which is a polyamide; "Antioxidant WL powder," which is an antioxidant; potassium iodide, "Seenox 412S," which is a thioester secondary antioxidant commercially available from Argus Chemical Corp.; and "Boltron H20" which is a dendritic polyester resin. The date requested and the date compounded are both prior to October 11, 2001. In other words, Compositions 2-7 and 9-14 of Request 506 YA040700 were designed and compounded prior to October 11, 2001. Therefore, conception and actual reduction to practice of the present invention occurred prior to the October 11, 2001 publication date of the WO 01/74946 to Mhetar.

4. The undersigned declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.

Date: 11/06/2003

Adeyinka Adedeji

Effect of Boltthorn on GTX flow When Added Upstream/Downstream

BLEND SET FORMULATION SHEET

BLENDING SERIES ID:			Request508 YA040700				PROGRAM OBJECTIVE				Flow promoter qualification using Boltorn H20 and H30 in GTX					
Performed by: →							Requestor:				Adeyinka Adedeji				Tel.Ext/Home #	
COMPONENT	RMC	☐ PRESENT	1	2	3	4	5	6	☐ 7	8	9	10	11	12	13	14
SBS vector 6508D	F6770	1	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
46IV PPO	C2010	1	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
Nylon 6, Allied Capron 1250	F7710	1	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Citric Acid	F7420	1	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Antioxidant WL powder	F6720	1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Potasium Iodide	F3590	1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Seenax 412S	F114	1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Cu(II)acetate monohydrate	F5670	1														
CuCl(2,2H2O	F5680	1														
Boltron H20		1		0.5	1.0	1.5	2.0	3.0	4.0							
Antioxidant 1076	F527	1														
		1														
Nylon 6, Allied Capron 1250	F7710		31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
Polyamide 6,6	F8560															
Boltron H20											0.5	1.0	1.5	2.0	3.0	4.0
Fiberglass RT3X Chopped Strand	G5000	1														
FRpump		4														
FRpump		4														
TOTAL PARTS →			100.0	100.5	101.0	101.5	102.0	103.0	104.0	100.0	100.5	101.0	101.5	102.0	103.0	104.0

Properties		☐	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Condition	Cdn: Temperature (100 - 400)/1 °C		260	260	260	260	260	260	260	260	260	260	260	260	260	260
Condition	Cdn: load weight (1.2, 2.16, 5, 10 kg		2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16
	MFR (Melt flow rate)/0 g/10 min		0.24	1.63	2.5	4.7	6.01	11.93	Result No	0.76	1.07	2.48	3.4	5.51	9.48	16.33